

FIG. 3

401

		load		store	
		sync	future	normal	sync
sync current f/e	normal				future
	succeed	succeed	succeed	block	succeed
full	full	empty*	full	full	full
	succeed	block	block	succeed	succeed
empty	empty	N/A	N/A	full*	N/A
	full	*	*	full	*

FIG. 4

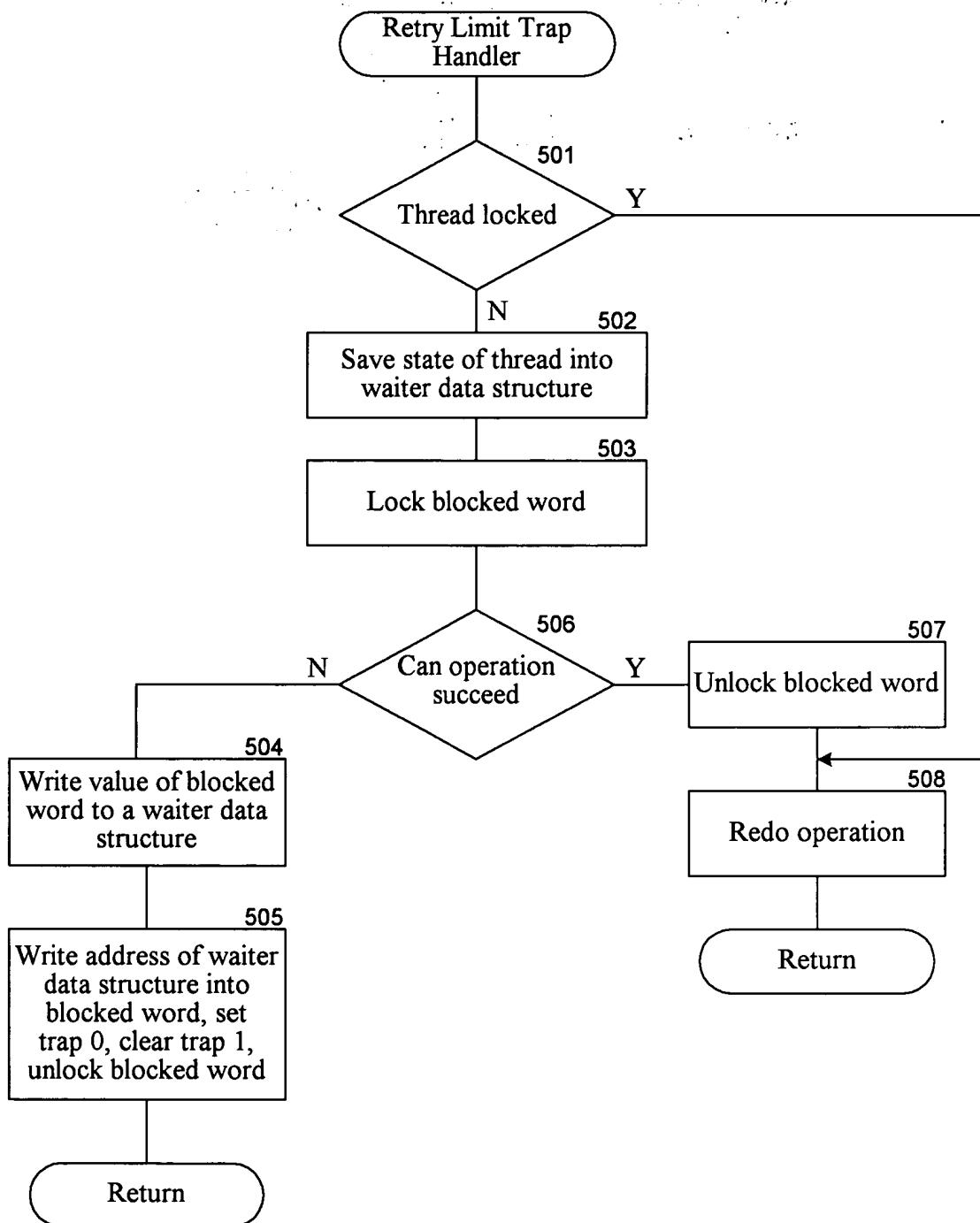


FIG. 5

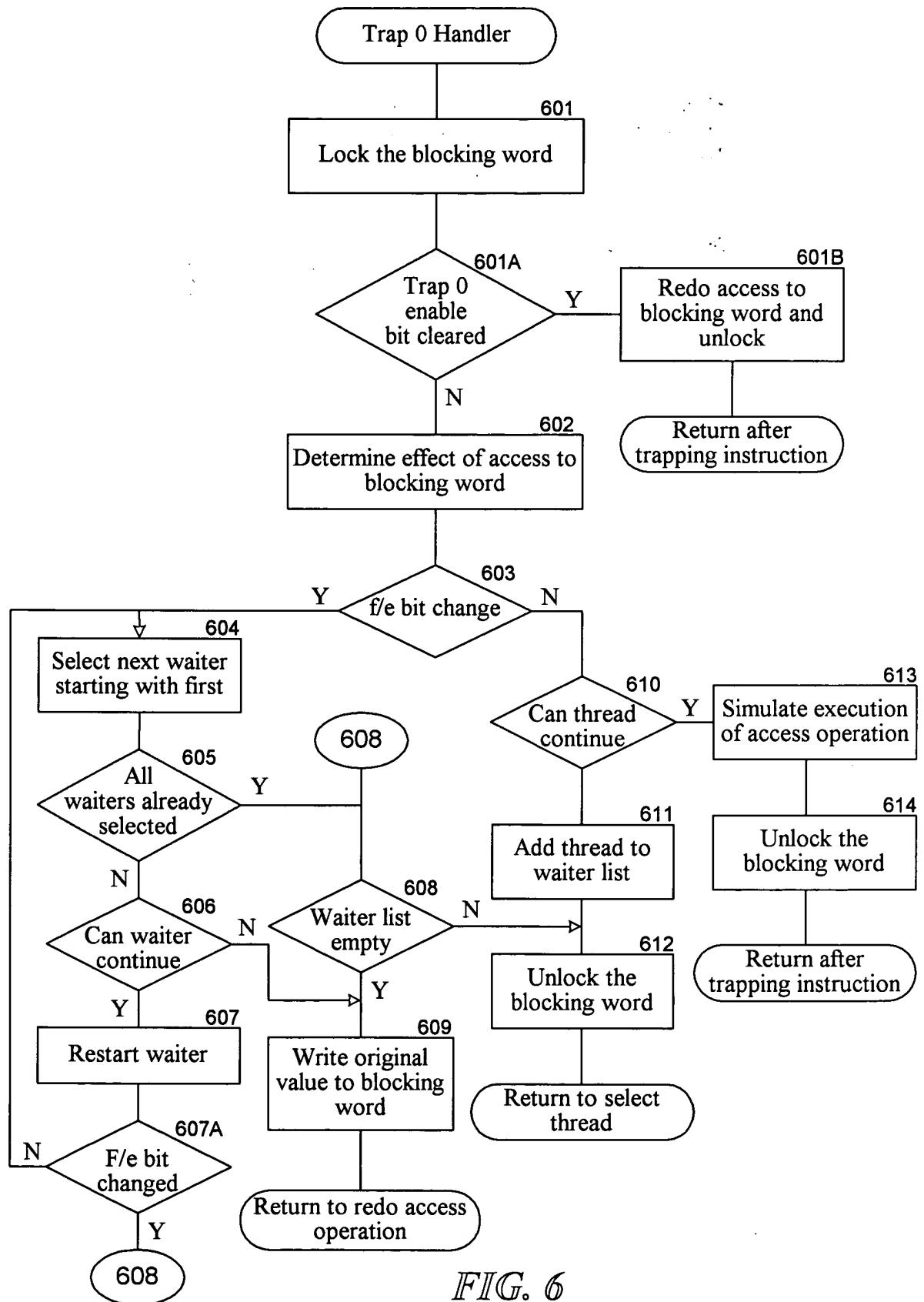


FIG. 6

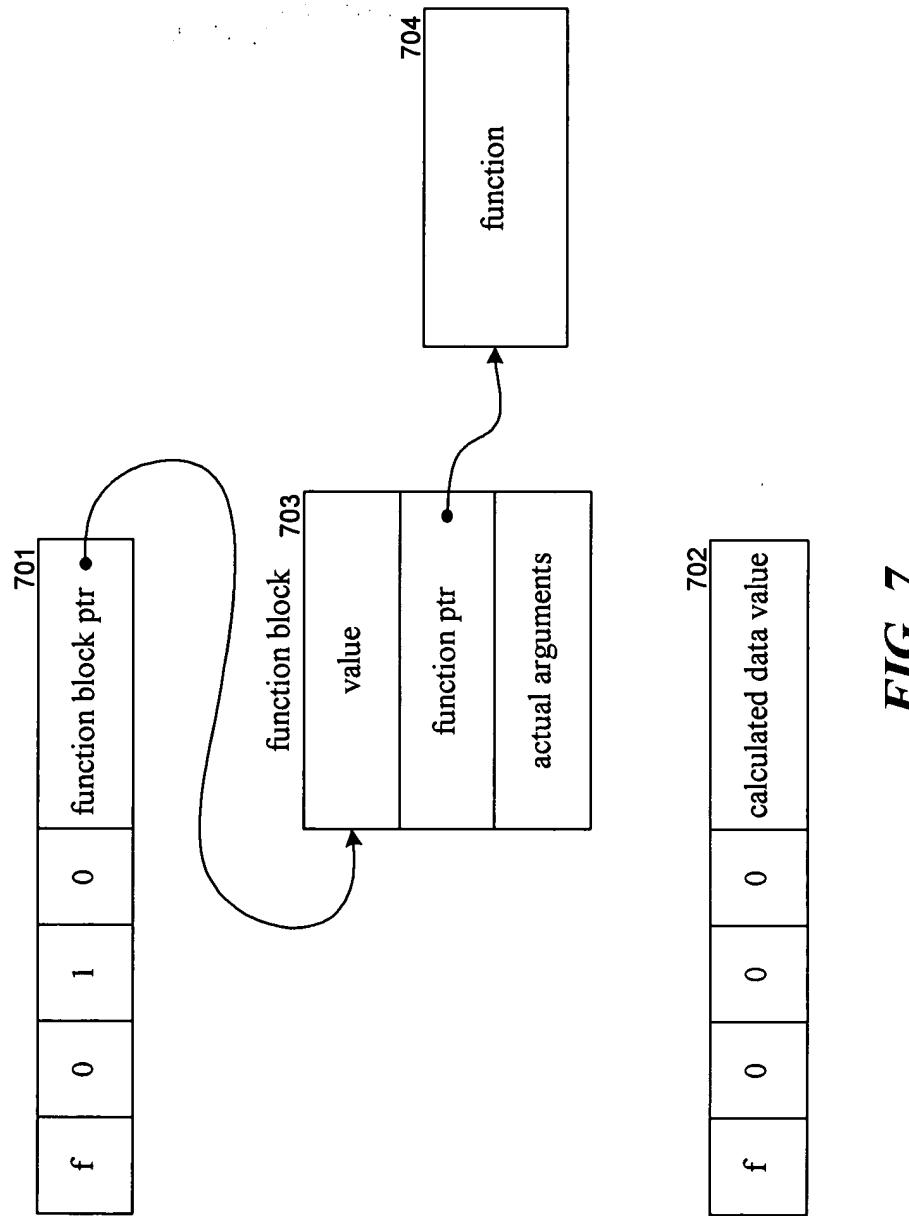


FIG. 7

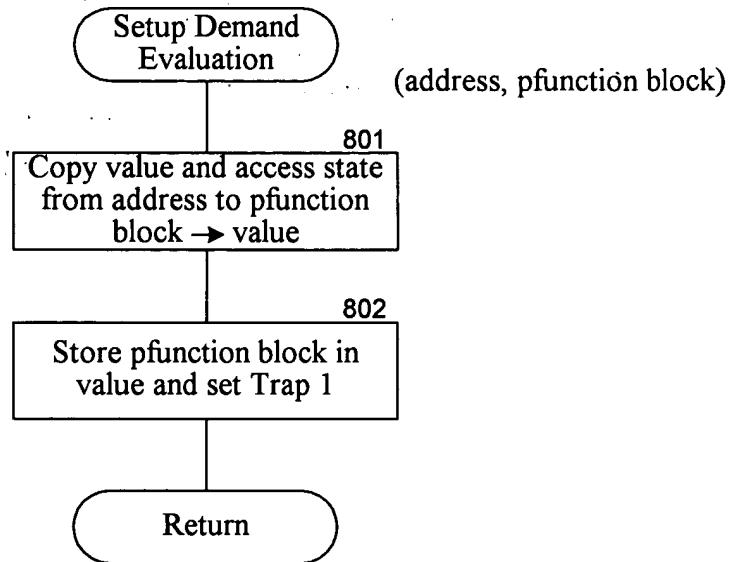


FIG. 8

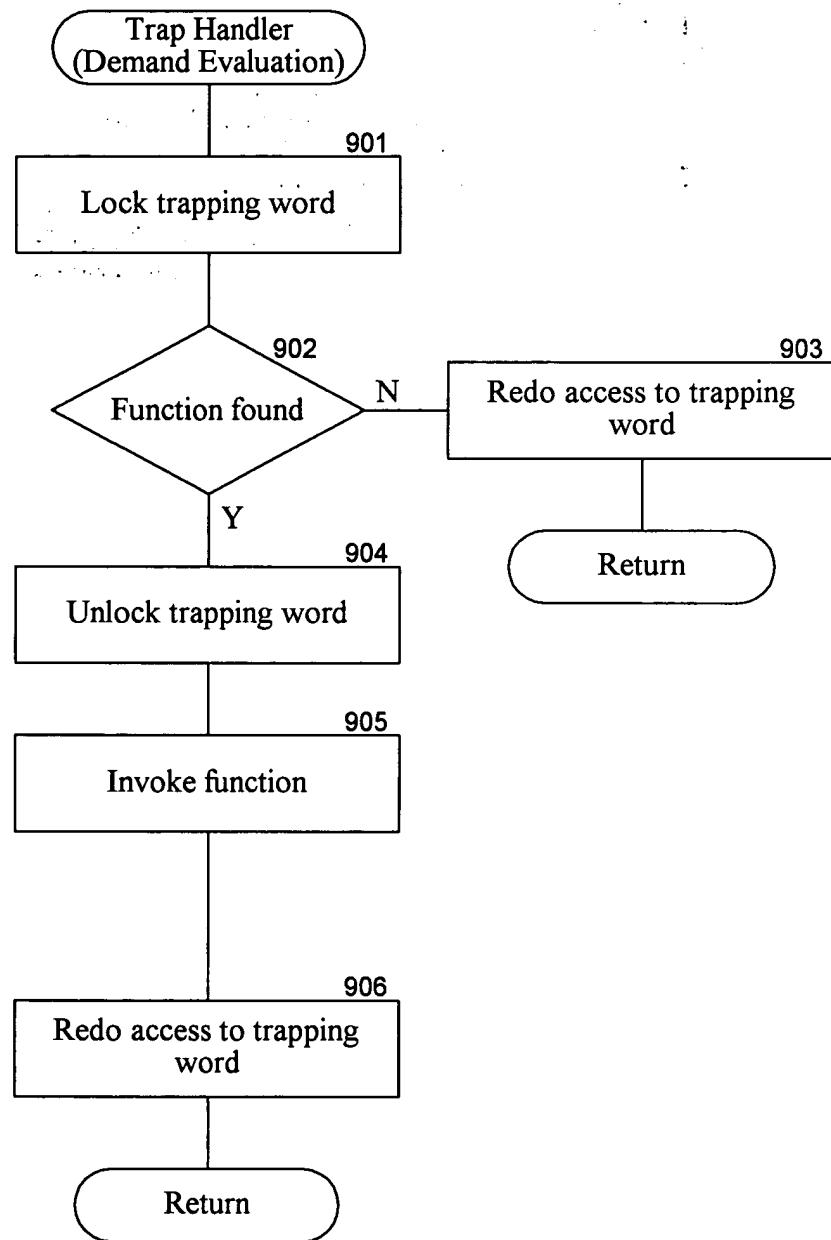


FIG. 9

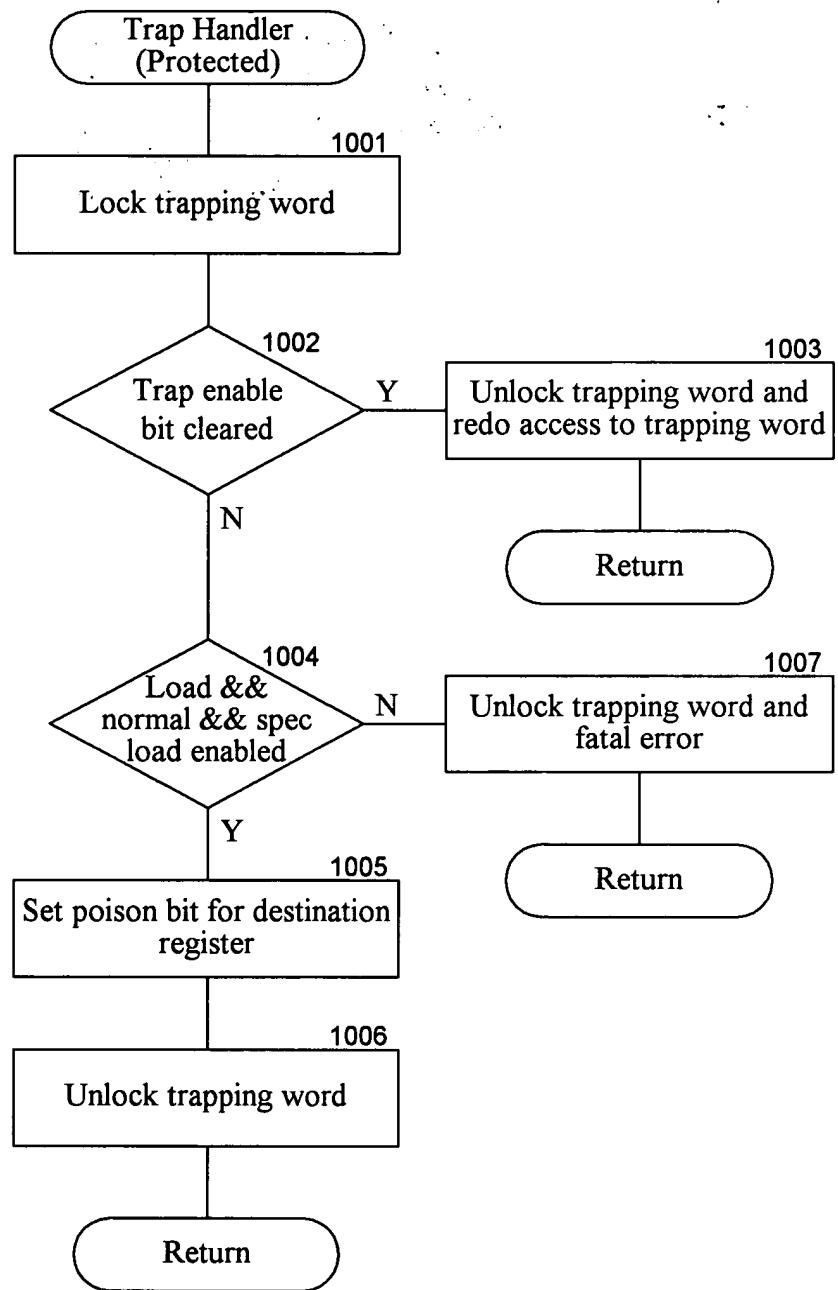


FIG. 10

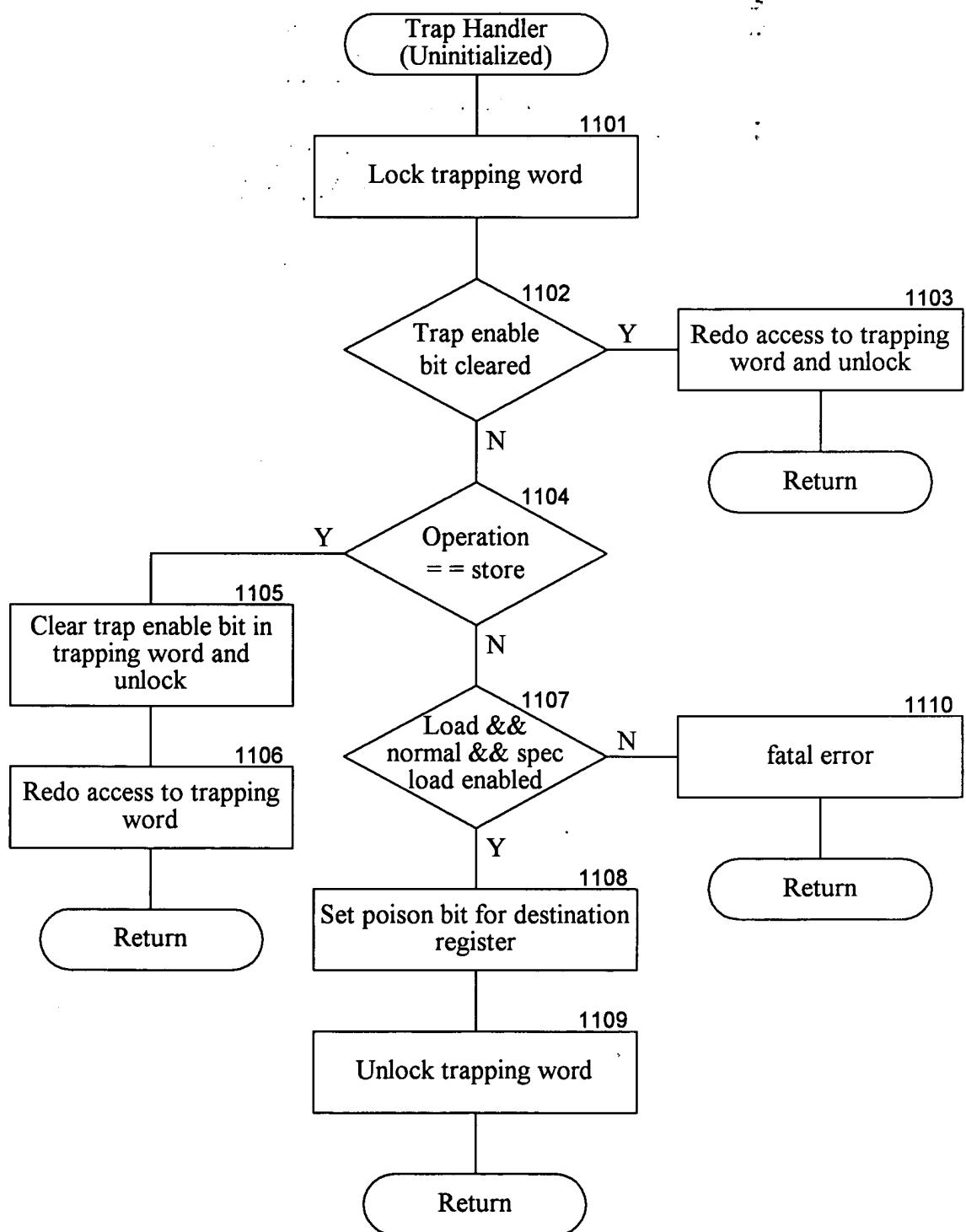


FIG. 11

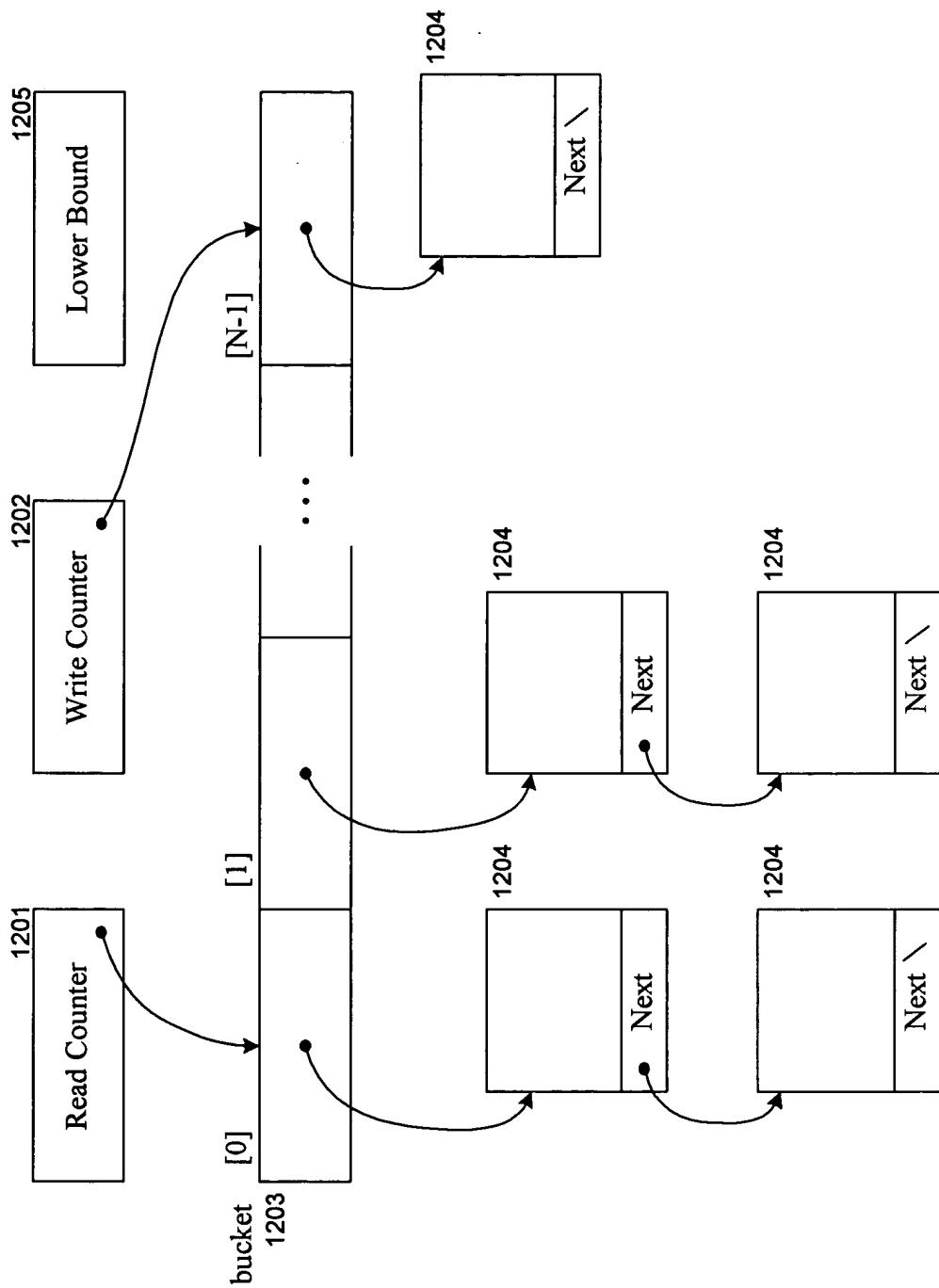


FIG. 12

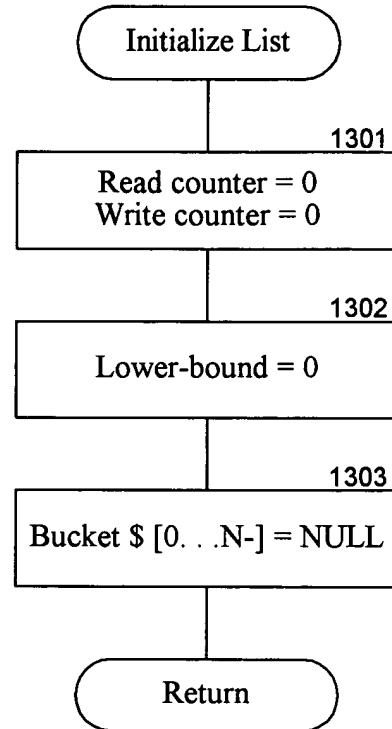


FIG. 13

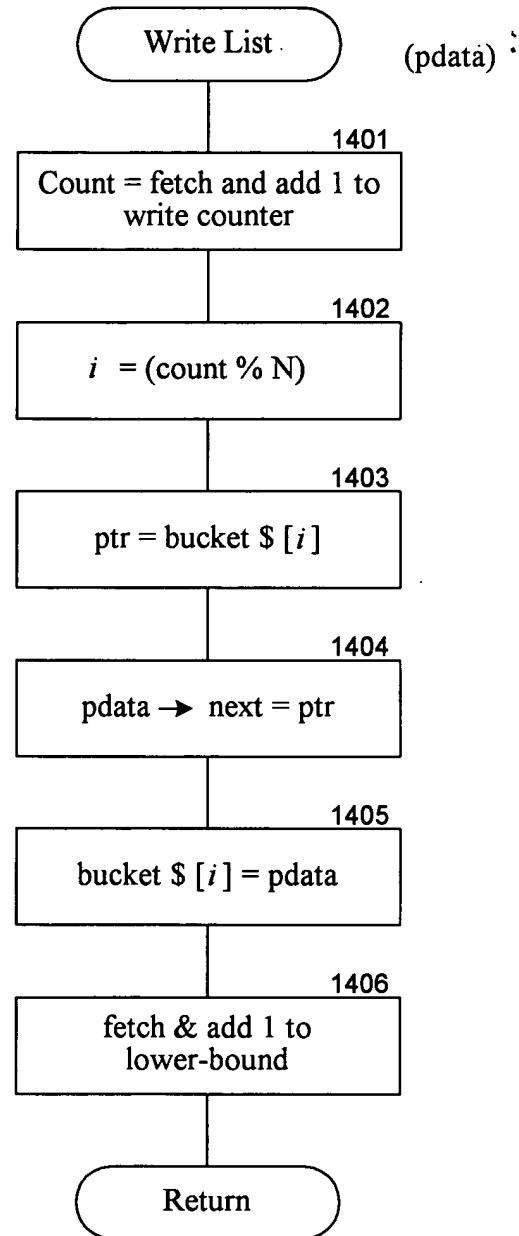


FIG. 14

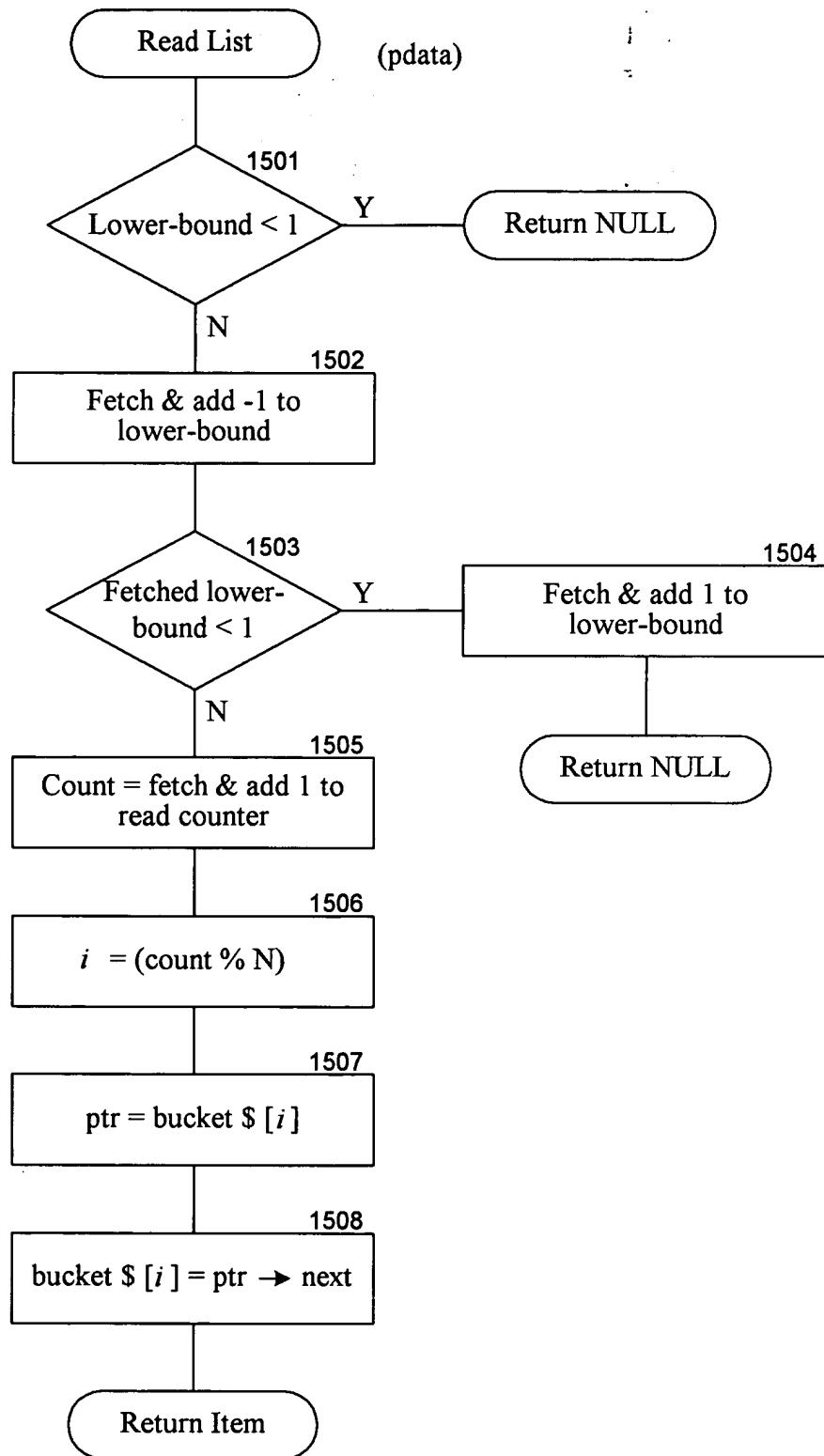
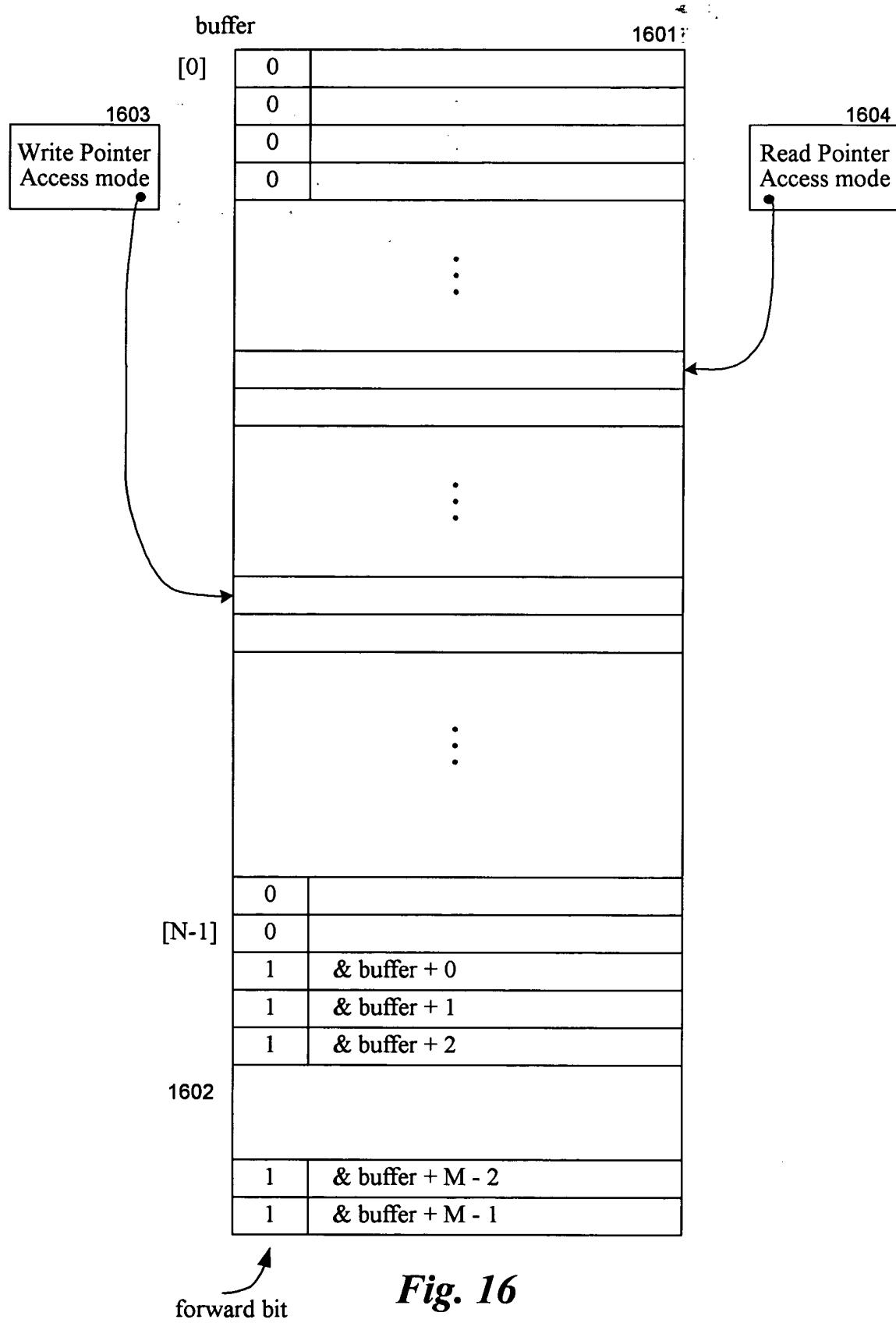


FIG. 15



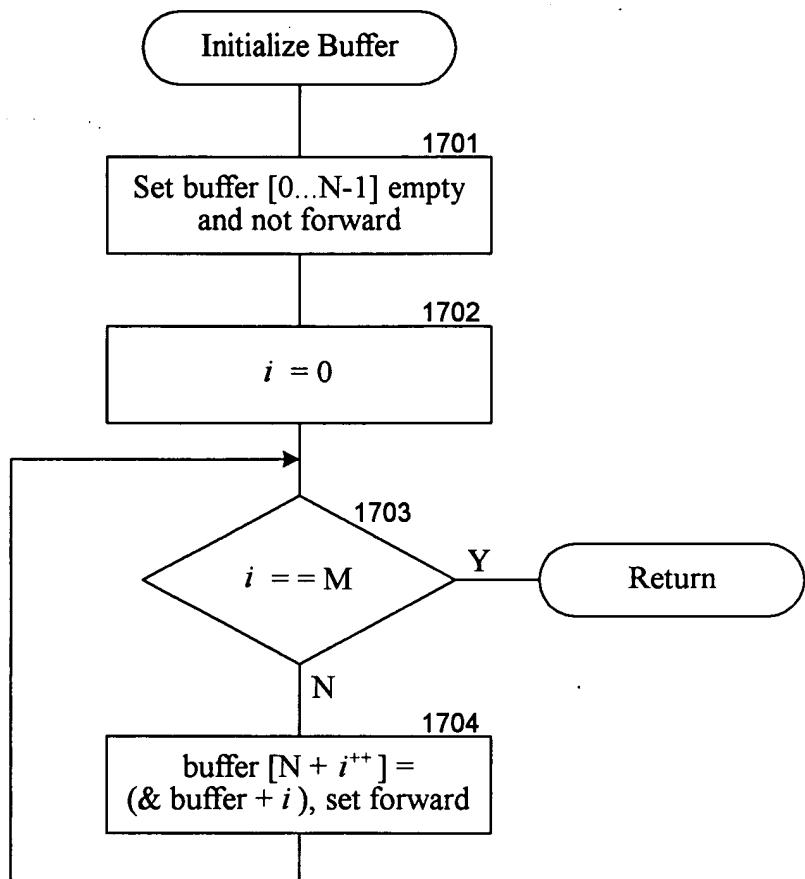


FIG. 17

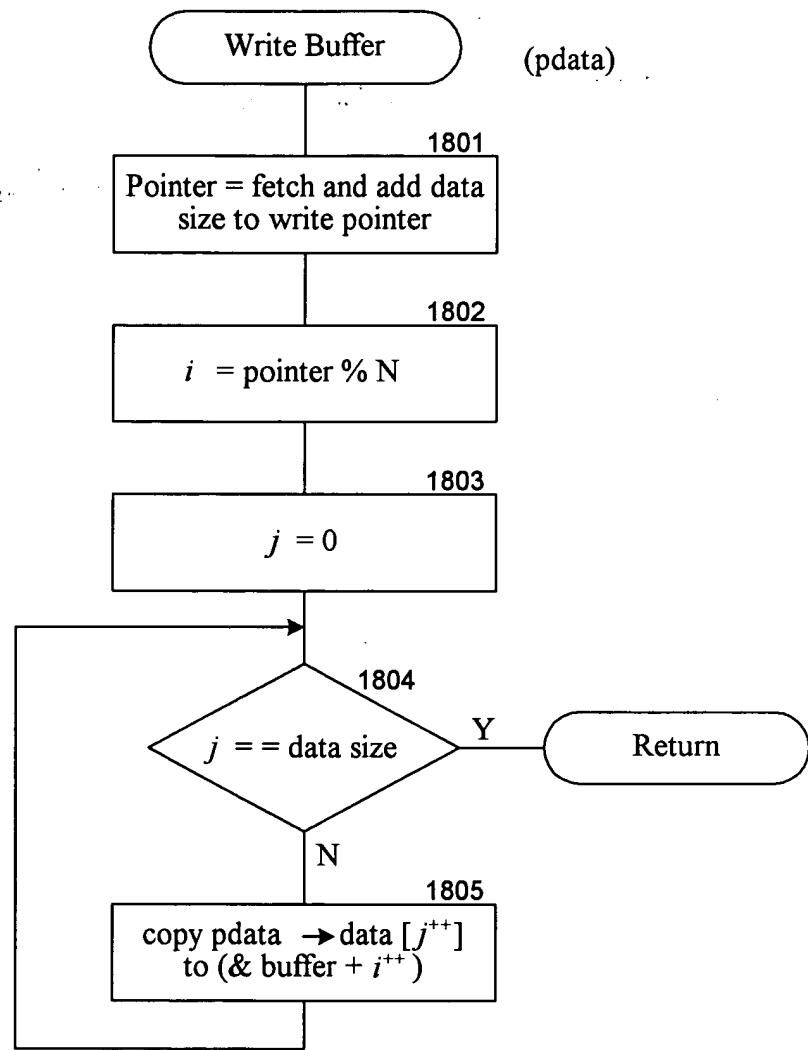


FIG. 18

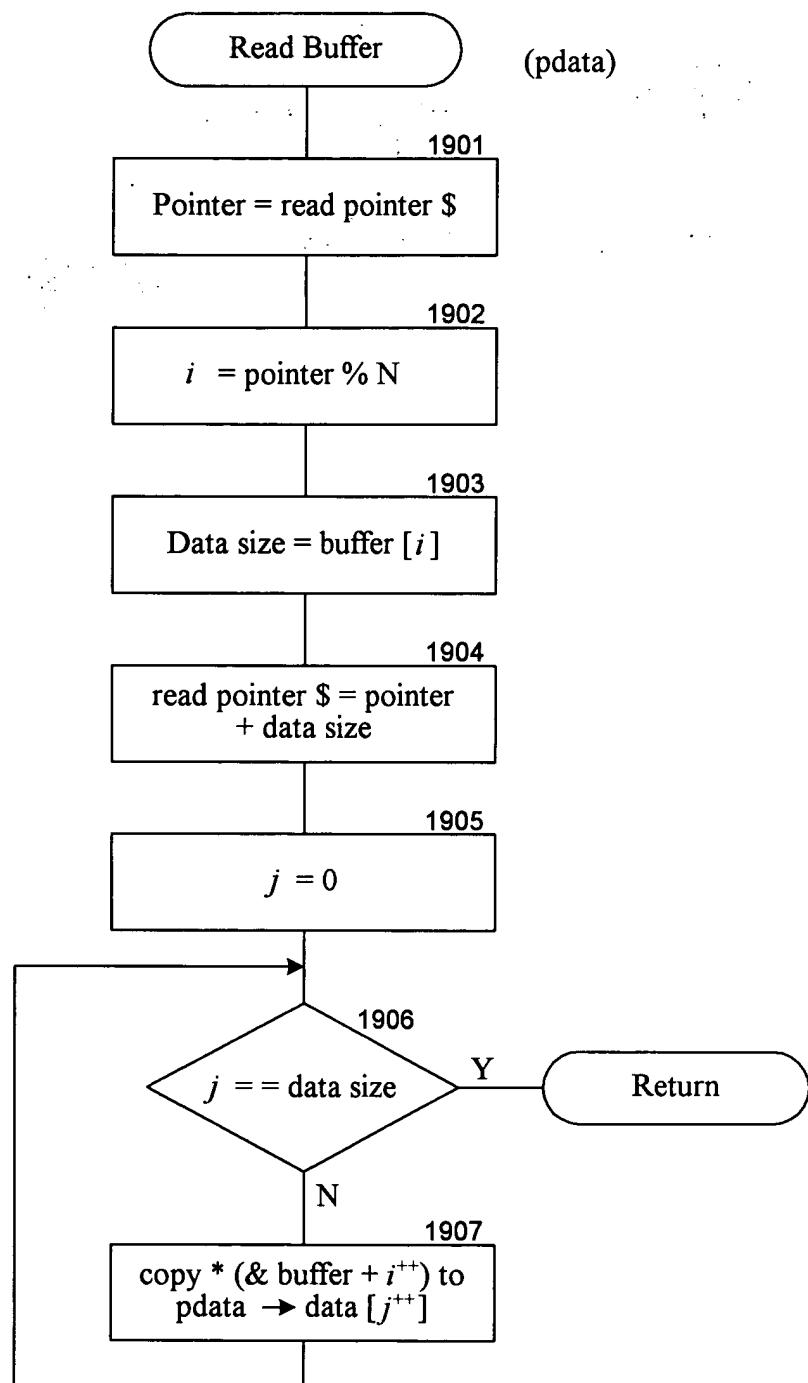
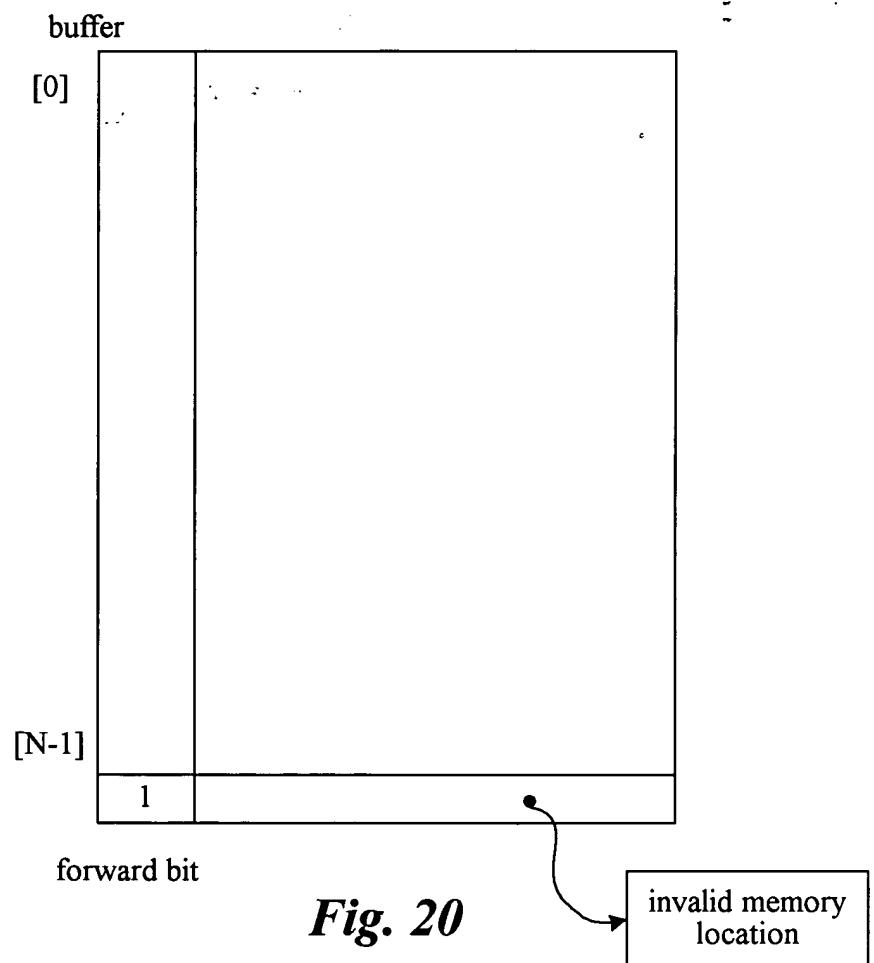


FIG. 19



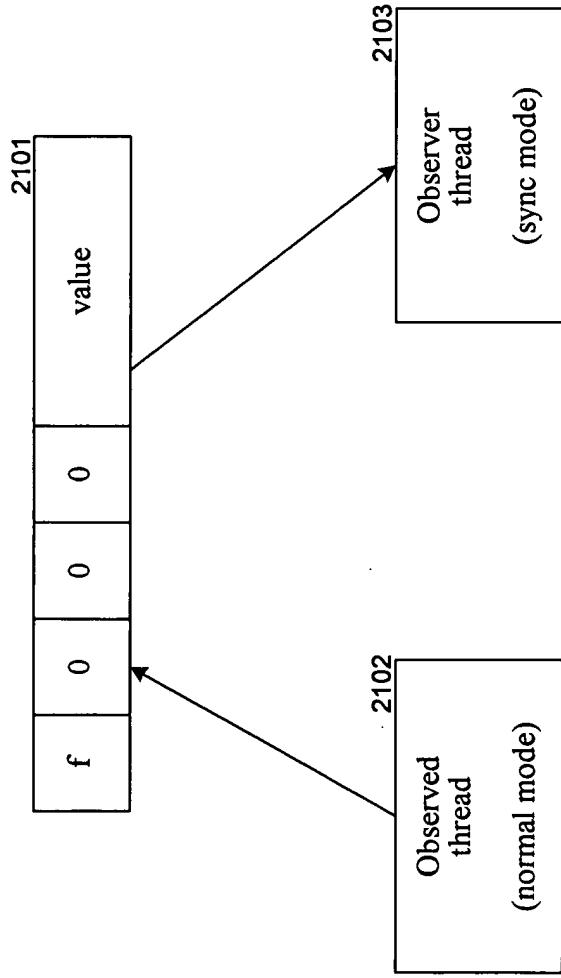


FIG. 21

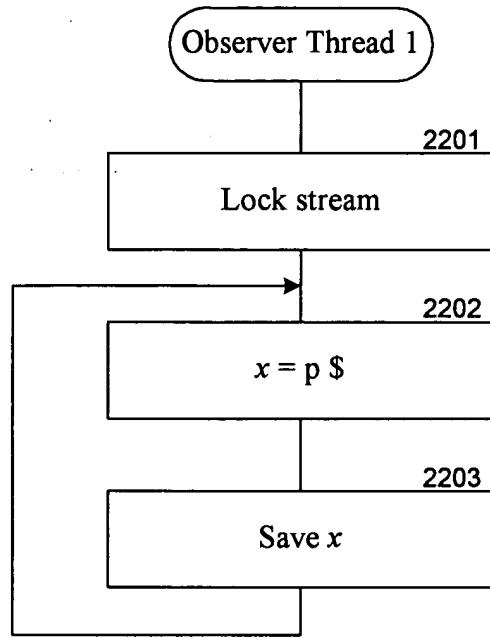


FIG. 22

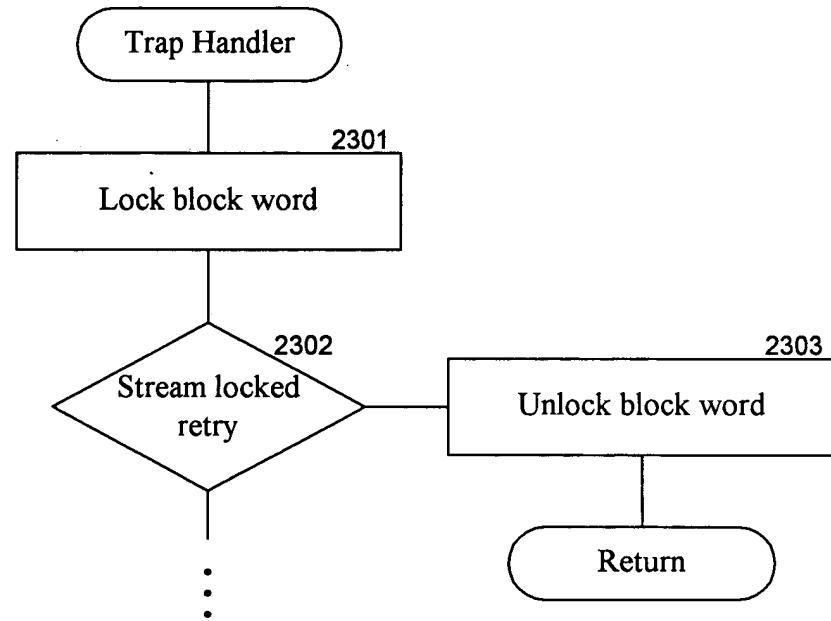


FIG. 23

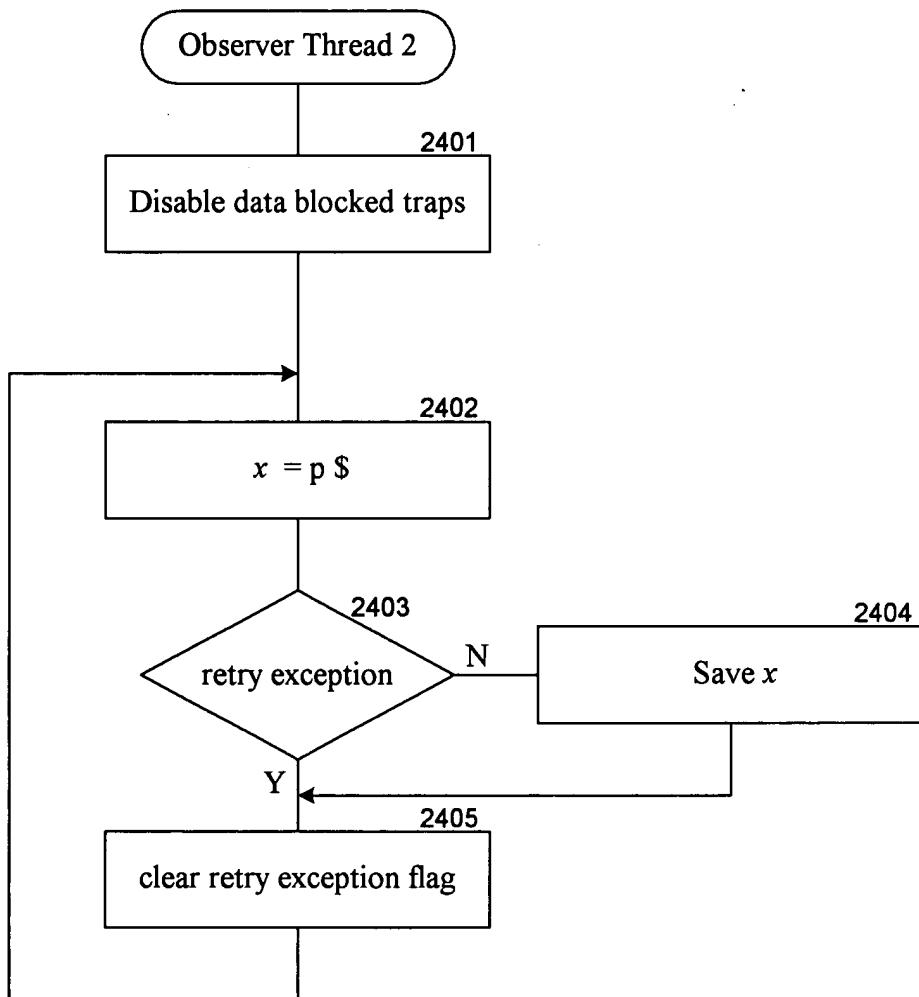


FIG. 24

Data Structure

1	
1	
⋮	⋮
1	
1	

Trap 1

Fig. 25